Agricultural Marketing Service and
U. S. Department of Commerce
Weather Bureau

Neor. Dept. of Agr. & Inspection Division of Agr. Statistics and Agricultural Extension Service Of Nebr. College of Agr.

## NEBRASKA WEEKLY WEATHER AND CROP REPORT

Released 12-15-53 - 11:00 A.M.

Week Ending 12-14-53

WEATHER Temperatures averaged near normal over the western and central portions of the state, and about 5° above in the east. There was no precipitation over the northeast and east-central portions of the state southwestward to the central portion of the Kansas border, but light to moderate snows fell elsewhere. These snows were heaviest over the Panhandle. This was the only area in the state that did not receive ample precipitation during the past two months.

CROPS Reports on the condition of wheat throughout the state continue highly favorable. The soil moisture supply makes the condition ideal for the crop to go into the winter. The present outlook is far more favorable than it was on this date a year ago. The western Panhandle counties have not received as much of the fall moisture as the balance of the state but July and August precipitation was far above normal in that area where wheat is grown largely on summer fallow land. Nearly all of the autumn precipitation in the state occurred between October 15 and December 4.

Southwestern Nebraska, which had been so dry last summer, received a generous supply of fall rain, ranging generally from 3 to  $3\frac{1}{2}$  inches. Dundy and Keith counties were slightly below 3 inches, while Hitchcook and Red Willow counties received over 5 inches of precipitation.

In south-central Nebraska precipitation ranged from 32 to 42 inches with half the counties far in excess of that amount. Adams county received 5.35 inches, Phelps county 6.30 inches, Harlan 6.80 inches, and Webster 7.10 inches.

The eastern third of the state received its fall moisture later than the western two-thirds of the state. The amounts in the southeastern district generally ranged from nearly 4 inches to over 7 inches. The lowest amount was 3.37 inches in Richardson county. Some of the larger amounts were Jefferson county with 5.46 inches. Saline 6.62 inches, Nuckolls 7.34 inches, and Thayer with 7.66 inches.

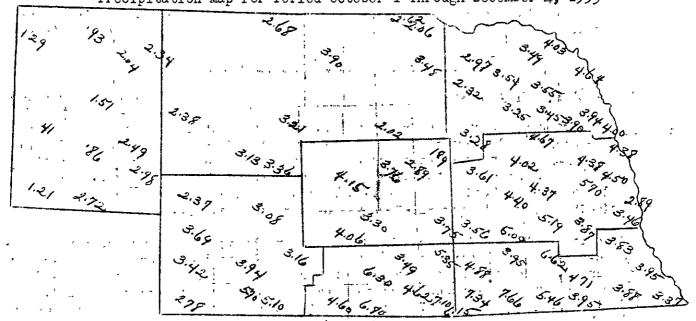
The east-central district fared about as well as the southeastern district with fall moisture ranging from  $3\frac{1}{2}$  to  $4\frac{1}{2}$  inches. The lowest was 3.45 inches in Cass county and some of the higher amounts were 5 inches in York county, 5.19 inches in Seward county, and 5.17 inches in Saunders county.

The central district north of the Platte River is not a heavy wheat district but the counties growing the largest acreage in the district received fall moisture as follows: Buffalo 3.30 inches, Hall 3.75 inches, and Custer 4.15 inches.

The map on the back of this page gives the autumn precipitation by counties which was received mostly between October 15 and December 4. The amounts were generally ample to penetrate the subsoil to a satisfactory depth. While the Panhandle counties did not receive as much of the autumn moisture, they received considerably above normal during July and August. The general rain that occurred September 2 covered the Panhandle as well as the balance of the state. Furthermore, the fall rains occurred earlier in western Nebraska than in eastern Nebraska.

WEATHER BUREAU TELEGRAPHIC REPORT OF PRECIPITATION FOR WEEK ENDING DEC. 14, 1953

Eastern Division	Central Div	lsion	Western Division		
Grand Island 0 Lincoln 0 Norfolk 01   Omaha 04	Burwell  Lexington North Platte Valentine	36 •18 •11	Chadron Imperial Scottsbluff Sidney	.21 .04 .23	



HIGHEST AND LOWEST TEMPERATURES (for 24 hours ending in a.m.)

•	r *	December	• •	-				-
	, 4	8th	9th	10th -	llth '	12th	13th	14th
		Max Min	Max Min	Max Min	Max Min	Max Min	Max Min	Max Min
ИМ	Chadron	+ 36 + 27	: 29 <b>-</b> 5	39 31	42 17	~` 33 <sup>*</sup> 13 <i>*</i>	: 45° <del>-``</del>	34 13
A1 5	Scottsbluff	- 44 - 25 -	29 <b>-</b> 4	39 · 34	45 16	34 15	4	37 12
	Sidney	ht · 와 ·	34 - 4	<i>3</i> 8 19	43 15	31 - 13	44	~ 33. · 14 <sub>.</sub>
N-C	Burwell	· 39 27	·31 3	<u>.</u>	45 22			
١,,	Valentine .	- 39 - 28	30 O	33 24	·· 44 23.	. ``35≂18 ]		<u> </u>
NE .	Norfolk.	· 39 • 29	' 33 14	28 19	47 30	36 19·		41 . 55
	Sioux City	42 30	34 13	27 14	50 27	36 °16	41 35	40 19
CEN.	Grand Island	40 27	<i>3</i> 3 16	31 22	14 31	35 13	39 34	, 39 28
, .	Lexington	42 25	32 '9	28 14	42 - 24	34 6	40 <b></b>	38 20
E-C	Lincoln	49 31	39 22.	<i>3</i> 6 30	51 34	40 24	45 31	11 51
	Omaha	51 32	41 - 22	36 <del>2</del> 3	56 30	41 22	47 34	40 23
SW	Imperial	71 57	2 <b>9</b> 7	32 10°	45 19	34 9	45	39 13
•	North Platte	40 27	30° · 5	27 19	143 22	<i>3</i> 5 16	45 31	<i>3</i> 9 18